

Refine Search

Search Results -

Terms	Documents
radix and tree and node\$3 and search\$3 and length and level	124

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Friday, March 12, 2004 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name
side by side			result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L6	radix and tree and node\$3 and search\$3 and length and level	124	L6
L5	radix and node\$3 and search\$3 and length and level	256	L5
L4	radix and node\$3 and search\$3	337	L4
L3	radix and node\$3	636	L3
L2	radix and node\$3	636	L2
L1	radix	7091	L1

END OF SEARCH HISTORY

Hit List

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20030130981 A1
Using default format because multiple data bases are involved.
L7: Entry 1 of 11 File: PGPB Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030130981
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030130981 A1

TITLE: Enhanced multiway radix tree and related methods

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nehru, Archana	Los Angeles	CA	US	
Paul, Manoj	Bangalore		IN	
Nel, Matthys Johannes	Gauteng		ZA	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20020143747 A1
L7: Entry 2 of 11 File: PGPB Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020143747
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020143747 A1

TITLE: Wildcards in radix- search tree structures

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tal, Alex	Hadera		IL	
Tiger, Roostam	Haifa		IL	
Rachamim, Shifra	Kefar Tavor		IL	
Gabbay, Itzchak	Haifa		IL	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20020118682 A1

L7: Entry 3 of 11

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020118682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020118682 A1

TITLE: Apparatus and method for performing high-speed IP route lookup and managing routing/forwarding tables

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Choe, Myongsu	Suwon-shi		KR	

US-CL-CURRENT: 370/395.31; 370/395.52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6662184 B1

L7: Entry 4 of 11

File: USPT

Dec 9, 2003

US-PAT-NO: 6662184

DOCUMENT-IDENTIFIER: US 6662184 B1

TITLE: Lock-free wild card search data structure and method

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Friedberg; Stuart A.	Aloha	OR		

US-CL-CURRENT: 707/100; 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6594655 B2

L7: Entry 5 of 11

File: USPT

Jul 15, 2003

US-PAT-NO: 6594655

DOCUMENT-IDENTIFIER: US 6594655 B2

TITLE: Wildcards in radix- search tree structures

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tal; Alex	Hadera			IL
Tiger; Roostam	Haifa			IL
Rachamim; Shifra	Kefar Tavor			IL
Gabbay; Itzhak	Haifa			IL

US-CL-CURRENT: 707/3; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6522632 B1

L7: Entry 6 of 11

File: USPT

Feb 18, 2003

US-PAT-NO: 6522632

DOCUMENT-IDENTIFIER: US 6522632 B1

**** See image for Certificate of Correction ****TITLE: Apparatus and method for efficient prefix search

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waters; Gregory M.	Groton	MA		
Dennison; Larry R.	Norwood	MA		
Carvey; Philip P.	Bedford	MA		
Dally; William J.	Stanford	CA		
Mann; William F.	Sudbury	MA		

US-CL-CURRENT: 370/254; 370/408

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6430527 B1

L7: Entry 7 of 11

File: USPT

Aug 6, 2002

US-PAT-NO: 6430527

DOCUMENT-IDENTIFIER: US 6430527 B1

TITLE: Prefix search circuitry and method

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waters; Gregory M.	Groton	MA		
Dennison; Larry R.	Norwood	MA		
Carvey; Philip P.	Bedford	MA		
Dally; William J.	Stanford	CA		
Mann; William F.	Sudbury	MA		

US-CL-CURRENT: 703/3; 370/389, 370/408, 370/413, 707/3, 707/6, 707/7, 709/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5930231 A

L7: Entry 8 of 11

File: USPT

Jul 27, 1999

US-PAT-NO: 5930231

DOCUMENT-IDENTIFIER: US 5930231 A

TITLE: Block spectrum receiver for a broadband communications system

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miller; Kevin L.	Lawrenceville	GA		
Borazjani; Ramin	Lawrenceville	GA		

US-CL-CURRENT: 370/210; 370/442, 370/463, 370/480, 725/106, 725/126

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw Desc	Image
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☐ 9. Document ID: US 5875190 A

L7: Entry 9 of 11

File: USPT

Feb 23, 1999

US-PAT-NO: 5875190

DOCUMENT-IDENTIFIER: US 5875190 A

TITLE: Asynchronous transfer mode switching system

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Law; Ka Lun	North York, Ontario			CA

US-CL-CURRENT: 370/395.42; 370/423, 370/434, 370/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 10. Document ID: US 5651099 A

L7: Entry 10 of 11

File: USPT

Jul 22, 1997

US-PAT-NO: 5651099

DOCUMENT-IDENTIFIER: US 5651099 A

TITLE: Use of a genetic algorithm to optimize memory space

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Konsella; Shane	Boise	ID		

US-CL-CURRENT: 706/13; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 11. Document ID: US 5546390 A

L7: Entry 11 of 11

File: USPT

Aug 13, 1996

US-PAT-NO: 5546390

DOCUMENT-IDENTIFIER: US 5546390 A

TITLE: Method and apparatus for radix decision packet processing

DATE-ISSUED: August 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stone; Geoffrey C.	Minneapolis	MN		

US-CL-CURRENT: 370/408

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

multiway and radix and tree and node\$3 and search\$3 and length and level

11

Display Format: **Change Format**

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multiway and radix and tree and node\$3 and search\$3 and length and level	11

Database:

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US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

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IBM Technical Disclosure Bulletins

Search:

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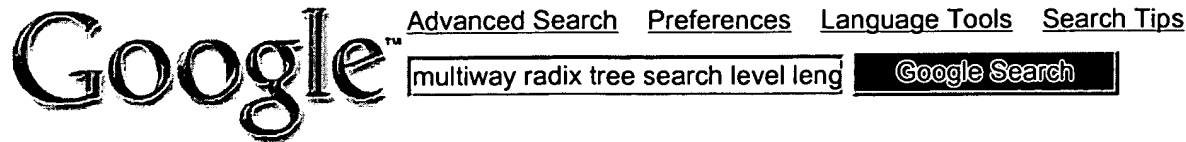
Interrupt

Search History

DATE: Friday, March 12, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name Query</u> side by side		<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	multiway and radix and tree and node\$3 and search\$3 and length and level	11	<u>L7</u>
<u>L6</u>	radix and tree and node\$3 and search\$3 and length and level	124	<u>L6</u>
<u>L5</u>	radix and node\$3 and search\$3 and length and level	256	<u>L5</u>
<u>L4</u>	radix and node\$3 and search\$3	337	<u>L4</u>
<u>L3</u>	radix and node\$3	636	<u>L3</u>
<u>L2</u>	radix and node\$3	636	<u>L2</u>
<u>L1</u>	radix	7091	<u>L1</u>

END OF SEARCH HISTORY



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Searched the web for **multiway radix tree search level length**.

Results 1 - 10 of about **163**. Search took **0.23** seconds.

[PDF] [Efficient Multiway Radix Search Trees](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The resulting **Multiway Radix Search Tree** (MRST) is traversed at run time with ... m), since log m is the **search** time for ... of the methods above, since the **tree** is no ...

www.cs.princeton.edu/software/lcc/doc/mrst.pdf - [Similar pages](#)

[PDF] [Fast Algorithms for Sorting and Searching Strings](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... greater than a given value; like **radix** sort, it ... is much more space-efficient than **multiway trees**, and supports ... internal path **length** of the **search tree** is the ...

www.cs.princeton.edu/~rs/strings/paper.pdf - [Similar pages](#)

[[More results from www.cs.princeton.edu](#)]

[PPT] [Project Management](#)

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... **Radix Search** Tries - analysis. ... requires about log N bit comparisons on average and b bit comparisons in the worst case in a **tree** built from N ... **Multiway** Tries. ...

www.cs.bris.ac.uk/Teaching/Resources/COMS21101/lectures-old/se33/sweng3_3.ppt - [Similar pages](#)

[Citations: A tree-based routing table for Berkeley Unix - Sklower ...](#)

... for longest prefix matching used **radix trees** or modified ... on prefix lengths (BSPL, 25) **Multiway** and Multicolumn ... Sklower, K., "A **tree**-based routing table for ...

citeseer.nj.nec.com/context/141783/0 - 35k - [Cached](#) - [Similar pages](#)

[Citations: Faster IP Lookups using Controlled Prefix Expansion ...](#)

... RTR is the **radix tree** routing algorithm from the public domain NetBSD distribution

[17] There are more efficient routing ... **Multiway Range Trees**: Scalable IP ...

citeseer.nj.nec.com/context/161449/103172 - 54k - [Cached](#) - [Similar pages](#)

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... **multiway** decisions; **multiway** merging; **multiway trees** ... real; top-down construction; top-down **radix** sort; tournament; ... **trees** used for text **searching**; Treesort; tries; tries ...

www.dcc.uchile.cl/~rbaeza/handbook/index_a.html - 33k - [Cached](#) - [Similar pages](#)

[PDF] [Generalizing "Search" in Generalized Search Trees](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Instead, we expose simple, high-level interfaces. ... the current state of general- ized **search tree** research ... structure A GiST is a height-balanced, **multiway tree**. ...

www.sai.msu.su/~megera/postgres/gist/papers/icde98-search.pdf - [Similar pages](#)

[PS] [Series Logo Volume 00, Number 00, Xxxx 19xx](#)

File Format: Adobe PostScript - [View as Text](#)

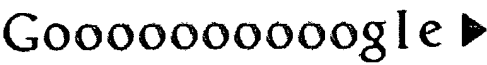
... The resulting MRST (**Multiway Radix Search Tree**) is traversed at run-time ... the MRST using a **radix** other than ... the internal nodes in the **search tree** are comparison ...

research.microsoft.com/users/ulfar/tr95_14.ps - [Similar pages](#)

[doc] [Survey of Best Matching Prefix Lookups Algorithm for](#)

File Format: Microsoft Word 2000 - [View as HTML](#)
... Many authors have proposed tries of high **radix** [Ref 7], but only for exact matching ... **Multiway search** procedure is given below,. ... 3. My Idea using Peano Count **Tree**. ...
www.cs.ndsu.nodak.edu/~habib/seminar/IP_Lookups.doc - [Similar pages](#)

<IT> 1-2 brother **trees**</IT> <IT> 1-2 neighbour **trees**<IT> <IT> 1-2 ...
... IT> <IT> **multiway** merging<IT> <IT> **multiway trees**<IT> <IT> ... top-down construction<IT>
<IT> top-down **radix** sort<IT> ... IT> <IT> **tree** traversals<IT> <IT> **trees** used for ...
www.cs.sunysb.edu/~algorithm/implement/handbook/distrib/handbook/index.html~ - 26k - [Cached](#) - [Similar pages](#)



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